

11-21-03

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GAU-2828

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

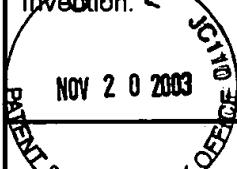
Applicant(s): Gang Liu

Docket No.

0118-00101

Serial No.
09/827,764Filing Date
4/6/01Examiner
Menefee, James A.Group Art Unit
2828

Invention: LASER DRIVER FOR A LASER SENSING SYSTEM



I hereby certify that the following correspondence:

Amendment transmittal letter//Amendment response//Declaration of Gang Liu//Petition for extension of time form//Check No. 18473 in the amount of \$ 475.00, Postcard

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

November 20, 2003

(Date)

Catherine A. Sauve

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

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AMENDMENT TRANSMITTAL LETTER (Small Entity)

Applicant(s): Gang Liu

Docket No.

0118-00101

Serial No.
09/827,764Filing Date
4/6/01Examiner
Menefee, James A.Group Art Unit
2828

Invention: LASER DRIVER FOR A LASER SENSING SYSTEM



TO THE COMMISSIONER FOR PATENTS:

Transmitted herewith is an amendment in the above-identified application.

Small Entity status of this application has been established under 37 CFR 1.27 by a verified statement previously submitted.

A verified statement to establish Small Entity status under 37 CFR 1.27 is enclosed.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	-	20 =	0	x \$9.00	\$0.00
INDEP. CLAIMS	-	3 =	0	x \$43.00	\$0.00
Multiple Dependent Claims (check if applicable)		<input type="checkbox"/>			\$0.00
					\$0.00
					\$0.00

No additional fee is required for amendment.

Please charge Deposit Account No. in the amount of

A check in the amount of to cover the filing fee is enclosed.

The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 04-1131

Any additional filing fees required under 37 C.F.R. 1.16.

Any patent application processing fees under 37 CFR 1.17.



Signature

Dated: November 20, 2003

Robert A. Dunn (Reg. No. 30,556)
 Dinnin & Dunn, P.C.
 2701 Cambridge Ct.
 Suite 500
 Auburn Hills, MI 48326

cc:

I certify that this document and fee is being deposited on with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

(Small Entity)

Docket No.

0118-00101

In Re Application Of: **Gang Liu**

NOV 20 2003

Serial No.
09/827,764Filing Date
4/6/01Examiner
Menefee, James A.Group Art Unit
2828Invention: **LASER DRIVER FOR A LASER SENSING SYSTEM****TO THE COMMISSIONER FOR PATENTS:**

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the Office Action of 5/20/03 in the above-identified application.
Date

The requested extension is as follows (check time period desired):

One month Two months Three months Four months Five months

from: 8/20/03 until: 11/20/03
Date *Date*

A verified statement of small entity status as a small entity under 37 CFR 1.27:

is enclosed.
 has already been filed in this application.

The fee for the extension of time is **\$475** and is to be paid as follows:

A check in the amount of the fee is enclosed.
 The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **04-1131**
 If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. **04-1131**



Signature

Dated: **November 18, 2003**

Robert A. Dunn (Reg. No. 30,556)
Dinnin & Dunn, P.C.
2701 Cambridge Ct.
Suite 500
Auburn Hills, MI 48326

I certify that this document and fee is being deposited on **November 18, 2003** with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Signature of Person Mailing Correspondence**Typed or Printed Name of Person Mailing Correspondence*

11/28/2003 KBETEMA1 00000083 09827764

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CC:



NOV 19 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gang Liu

Serial No. 09/827,764

Filed: April 6, 2001

Title: LASER DRIVER FOR A LASER SENSING SYSTEM

Art unit: 2828

Examiner: James A. Menefee

Attorney Docket No: 0118-00101

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NOV 19 2003

DECLARATION OF GANG LIU

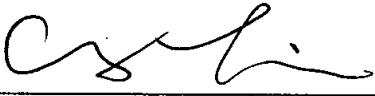
I, Gang Liu, being hereby warned that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application or any resulting patent, declares that the facts set forth in this application are true; all statements made of my own knowledge are true; and all statements made on information and belief are believed to be true.

I have many years experience in the electrical engineering specialties of laser drivers and laser sensing systems.

I am the sole inventor of the subject matter of United States Patent Application Serial No. 09/827,764 entitled Laser Driver For A Laser Sensing System. I am familiar with and have reviewed the references cited in prosecution of United States Patent Application Serial No. 09/827,764.

United States Patent No. 5,821,527 to Rudd discloses only a p-channel MOSFET that includes a body diode that is reverse biased during normal operation. It is common practice for engineers to omit the illustration of the body diode when illustrating a MOSFET. In this system the diode is forward biased when a reverse polarity is applied. The MOSFET does not turn off when reverse polarity is applied, and does not provide protection to the laser.

Dated: 8/4/03

By: 

Gang Liu, Ph.D., President
Analog Technologies, Inc.